

Converting Colors

CIELCh(69, 22.354, 348.653)

Have a look what the booklet for
CIELCh(69, 22.354, 348.653)
contains.

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Color

CIELCh(69, 22.125, 348.756)

Conversions

Conversions Part 1

Format	Color
Hex	CC9BB1
RGB	204, 155, 177
RGB Percent	80%, 61%, 69%
CMY	0.2009, 0.3930, 0.3067
CMYK	0.00, 0.24, 0.13, 0.20
HSL	333°, 32%, 70%
HSV	333°, 24%, 80%
XYZ	44.4417, 39.3444, 46.7350
YIQ	172.1590, 22.1420, 17.2300

Conversions

Conversions Part 2

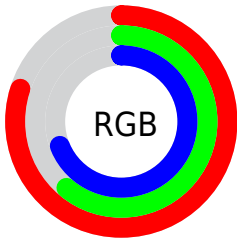
Format	Color
RYB	204, 155, 177
Decimal	13409201
CIELab	69.00, 21.70, -4.31
CIElCh	69, 22.125, 348.756
Yxy	39.3444, 0.3405, 0.3014
Android (android.graphics.Color)	4291599281 (0xFFCC9BB1)
YUV	172.1590, 2.3866, 27.9246
Hunter-Lab	62.7251, 16.7011, -0.2681

Details

The CIELCh color $69, 22.125, 348.756$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $78, 21.297, 164.284$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 20.134, 344.571$, and $49, 22.202, 349.003$ is the 20% darker color. If you saturate the color by 10%, you get $64, 31.508, 349.937$, and if you desaturate by 10%, it is $74, 12.780, 347.718$.

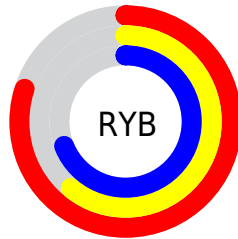
Distribution



Red (80%)

Green (61%)

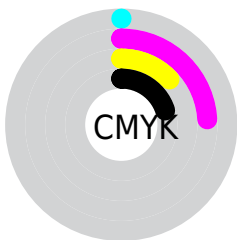
Blue (69%)



Red (80%)

Yellow (61%)

Blue (69%)

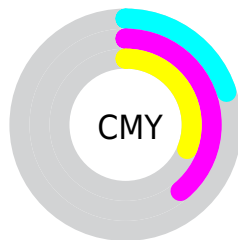


Cyan (0%)

Magenta (24%)

Yellow (13%)

Black (20%)



Cyan (20%)


Magenta (39%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 22.125, 348.756 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 69, 22.125, 348.756 by changing the saturation by 10% instead.


 69, 22.125,
348.756


 69, 22.125,
348.756


 100, 22.125,
348.756


 59, 22.125,
348.756


 89, 22.125,
348.756

 49, 22.125,
348.756


 99, 22.125,
348.756

 39, 22.125,
348.756

 29, 22.125,
348.756

 19, 22.125,
348.756

 9, 22.125, 348.756

 0, 22.125, 348.756

69, 22.125,
348.756

69, 22.125,
348.756

64, 31.508,
349.937

74, 12.780,
347.718

59, 40.701,
351.308

80, 3.628, 346.720

85, 5.252, 166.100

55, 49.364,
352.941

91, 13.821,
165.304

51, 57.060,
354.936

96, 21.114,
165.704

48, 63.316,
357.429

96, 18.274,
180.529

46, 67.756, 0.589

97, 16.941,

44, 70.304, 4.579

198.382

44, 71.303, 7.263

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



69, 22.125, 348.756



78, 21.297, 164.284

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69, 22.125, 348.756



69, 22.125, 38.756



69, 22.125, 168.756



69, 22.125, 218.756

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



69, 22.123, 348.758



95, 7.574, 347.040



68, 28.762, 311.878



50, 4.925, 347.100



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69, 22.123, 348.758



81, 32.140, 349.368



69, 18.694, 25.153



40, 5.137, 347.264



35, 61.152, 6.480



4, 19.455, 356.659

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



69, 22.123, 348.758



81, 32.140, 349.368



78, 15.867, 203.043



40, 5.137, 347.264



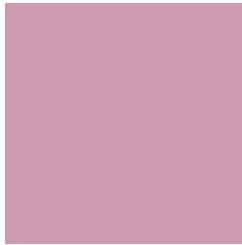
35, 61.152, 6.480



4, 19.455, 356.659

Previews

White Background



This preview shows how the CIELCh color 69, 22.125, 348.756 looks on a white background.

Color Contrast Check

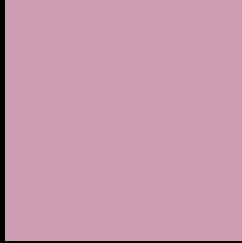
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 69, 22.125, 348.756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

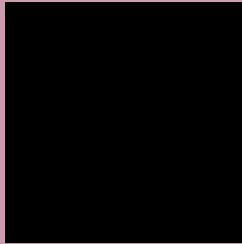
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 22.125, 348.756

Background



This preview shows how black text looks on a background with the CIELCh color 69, 22.125, 348.756.



This preview shows how white text looks on a background with the CIELCh color 69, 22.125, 348.756.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
69, 22.125, 348.756

Protanopia
69, 9.338, 288.902

Deuteranopia
69, 9.116, 338.812



Tritanopia
69, 19.333, 1.552

Trichromacy



Original Color
69, 22.125, 348.756

Protanomaly
69, 12.252, 322.046

Deuteranomaly
69, 13.733, 343.986

Tritanomaly
69, 19.834, 357.029

Monochromacy



Original Color
69, 22.125, 348.756

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 8.126, 347.560

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 22.125, 348.756 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(204, 155, 177)` looks like.

```
.text, #text, p{  
    color:rgb(204, 155, 177)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(204, 155, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 155, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 22.125, 348.756 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(204, 155, 177) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(204, 155, 177) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(204, 155, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 155, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 155, 177);  
box-shadow:4px 4px 4px 4px rgb(204, 155,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 22.125, 348.756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 155, 177) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(204,  
155, 177) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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